



South Texas Project Nuclear Operating Company P.O. Box 289 Wadsworth, Texas 77483

October 10, 2002
NOC-AE-02001414
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10CFR50.71
STI: 31499179

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

South Texas Project
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Monthly Operating Reports for September 2002

Pursuant to 10CFR50.71(a) and South Texas Project Electric Generating Station (STPEGS) Technical Specification 6.9.1.5, attached are the Monthly Operating Reports for September 2002. If you should have any questions on this matter, please contact R.L. Hill at (361) 972-7667.

A handwritten signature in black ink, appearing to read "F.H. Mallen".

F.H. Mallen
Manager, Planning &
Controls

Attachments: 1) STPEGS Unit 1 Monthly Operating Report – September 2002
2) STPEGS Unit 2 Monthly Operating Report – September 2002

IE24

cc:

(paper copy)

Ellis W. Merschoff
Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
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11555 Rockville Pike
Rockville, MD 20852

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City Public Service

Mohan C. Thadani
U. S. Nuclear Regulatory Commission

R. L. Balcom/D. G. Tees
Reliant Energy, Inc.

A. Ramirez
City of Austin

C. A. Johnson/A. C. Bakken III
AEP - Central Power and Light Company

Jon C. Wood
Matthews & Branscomb

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
SEPTEMBER 2002
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Approved By:


E.D. HALPIN


Date

MONTHLY SUMMARY

South Texas Project Unit 1 operated during the reporting period at full power with no unit shutdowns or significant power reductions.

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE Oct 7, 2002
COMPLETED BY R.L Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD. 09/1/02-09/30/02 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt). 3,853
MAXIMUM DEPENDABLE CAPACITY (MWe-Net). 1,250.6
DESIGN ELECTRICAL RATING (MWe-Net). 1,250.6
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY). N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR CRITICAL	<u>720.0</u>	<u>6,551.0</u>	<u>96,500.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>720.0</u>	<u>6,551.0</u>	<u>94,870.8</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,746,600</u>	<u>24,970,151</u>	<u>354,268,491</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>917,216</u>	<u>8,300,015</u>	<u>115,648,129</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>78.1</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>78.1</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>76.8</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>76.8</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>101.9</u>	<u>101.3</u>	<u>74.8</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>101.9</u>	<u>101.3</u>	<u>74.8</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>0.0</u>	<u>13.5</u>

18. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):

Scheduled 21-day outage to allow scheduled refueling to begin on March 26, 2003.

19. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-498
UNIT 1
DATE Oct. 7, 2002
COMPLETED BY R.L. Hill
TELEPHONE 361.972 7667

MONTH SEPTEMBER

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1 1270

2 1271

3 1271

4 1272

5 1274

6 1274

7 1273

8 1273

9 1274

10 1275

11 1275

12 1277

13 1275

14 1272

15 1271

16 1272

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17 1273

18 1273

19 1274

20 1272

21 1258

22 1277

23 1277

24 1276

25 1271

26 1280

27 1282

28 1280

29 1278

30 1277

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Oct 7, 2002
 COMPLETED BY R L Hill
 TELEPHONE 361 972 7667

REPORT MONTH SEPTEMBER

No.	Date	¹ Type	Duration (Hours)	² Reason	³ Method of Shutting Down Reactor	Licensee Event Report #	⁴ System Code	⁵ Component Code	Cause & Corrective Action to Prevent Recurrence
THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS DURING THE REPORTING PERIOD									

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Exam
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Cont of Existing
 Outage
 5-Reduction
 9-Other

⁴
 IEEE 805-1983

⁵
 IEEE 803-1983

PORVS AND SAFETY VALVE SUMMARY

There were no PORV or Safety Valves challenged during the reporting period.

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 2
MONTHLY OPERATING REPORT
SEPTEMBER 2002
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Approved By.


E.D. HALPIN


Date

MONTHLY SUMMARY

South Texas Project Unit 2 operated during the reporting period at full power with no unit shutdowns or significant power reductions.

OPERATING DATA REPORT

DOCKETNO. 50-499
UNIT 2
DATE Oct 7, 2002
COMPLETED BY R L. Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD. 09/1/02-09/30/02 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt). 3,800
MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 1,250.6
DESIGN ELECTRICAL RATING (MWe-Net): 1,250.6
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net) None
4. REASONS FOR RESTRICTION (IF ANY): N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR CRITICAL	<u>720.0</u>	<u>6,456.1</u>	<u>94,270.1</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>720.0</u>	<u>6,402.8</u>	<u>92,030.5</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,747,965</u>	<u>24,378,080</u>	<u>343,538,611</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>891,864</u>	<u>7,936,972</u>	<u>111,895,093</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>98.6</u>	<u>81.0</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>98.6</u>	<u>81.0</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>97.7</u>	<u>79.0</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>97.7</u>	<u>79.0</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>99.0</u>	<u>96.9</u>	<u>76.8</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>99.0</u>	<u>96.9</u>	<u>76.8</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>2.3</u>	<u>13.2</u>

18. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):

Scheduled 65-day outage to allow refueling and steam generator replacement to begin on October 2, 2002

19. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKETNO 50-499
UNIT 2
DATE Oct 7, 2002
COMPLETED BY R.L Hill
TELEPHONE 361.972.7667

MONTH SEPTEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1237</u>	17	<u>1234</u>
2	<u>1237</u>	18	<u>1234</u>
3	<u>1237</u>	19	<u>1237</u>
4	<u>1237</u>	20	<u>1239</u>
5	<u>1237</u>	21	<u>1240</u>
6	<u>1238</u>	22	<u>1241</u>
7	<u>1238</u>	23	<u>1241</u>
8	<u>1240</u>	24	<u>1242</u>
9	<u>1242</u>	25	<u>1242</u>
10	<u>1241</u>	26	<u>1242</u>
11	<u>1241</u>	27	<u>1243</u>
12	<u>1242</u>	28	<u>1241</u>
13	<u>1237</u>	29	<u>1240</u>
14	<u>1234</u>	30	<u>1239</u>
15	<u>1233</u>		
16	<u>1234</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Oct. 7, 2002
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

REPORT MONTH SEPTEMBER

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 H-Other (Explain)

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